



IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

#51A
P. Deppert
11/29/01

Applicant: Shuo-Yen Robert Li

RECEIVED

Case: 12

SEP 17 2001

Serial No. 09/882,129

Technology Center 2100

Filed: June 15, 2001

Group Art Unit:

Examiner:

Title of Invention: **A CONDITIONALLY NONBLOCKING SWITCH OF THE UPTURNED EXPANDER TYPE**

THE COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231

SIR:

PRELIMINARY AMENDMENT

Enclosed is a Preliminary Amendment in the above-identified application.

Please amend the application as follows.

In the Specification:

Replace pages 8 and 9 with the following:

-- SUMMARY OF THE INVENTION

The shortcomings of the prior art, as well as other limitations and deficiencies, are obviated in accordance with the present invention by applying algebraic principles to the physical realization of a large switching fabric based upon contemporary technologies.

In accordance with a broad method aspect of the present invention, a method for implementing a class of $N \times N$ upturned expanders each serving a connection request to route m incoming signals, $m \leq N$, and for enabling the service of any connection

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Applicant: Shuo-Yen Robert Li

Case: 12

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WASHINGTON, D.C. 20231

SEP 17 2001

Technology Center 2100

SIR:

Enclosed is a Preliminary Amendment in the above-identified application.

An additional fee is required based on the calculation below for a **small entity**:

CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	CLAIMS PREVIOUSLY PAID FOR	EXTRA	RATE	ADDITIONAL FEE
Total Claims	21	21	0	\$9.00	\$ 0.00
Indep. Claims	2	3	0	\$40.00	\$ 0.00

Multiple Claims First Presented with this Amendment = 0 \$0

Total: \$0.00

Also enclosed herewith for filing in connection with the enclosed application are:

XX Return Postcard

Respectfully submitted,

John T. Peoples

John T. Peoples (Reg. No. 28,250)

14 Blue Jay Ct.

Warren, NJ 07059

(908) 580-9816

Date: 9-8-01

Certificate of Mailing Under 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited by me on
9-8-01 with the United States Postal Service with sufficient
postage as first-class mail in an envelope properly addressed to Assistant Commissioner
for Patents, Washington, DC 20231.

9-8-01

Date of Certificate

John T. Peoples

John T. Peoples